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Bacon Scholarship

1927

Stations 70-127

Waldo L. Schmitt

Book #4 From 1927 to May 18.



Heavy rain in Port
Howard Falklands
March 4, 1927 kept
me from getting wireless
man to do some dredging
in motor boat for + with me.

40/120,000
3600
12/10,000
2015
750

70 **TEMPERATURE RECORD.**
Sunday afternoon low tide
 Instrument used, *Collected by* 3-4 p.m.
 Current number of observation, *H. J. Sanders*
 Date, *Oct. 1*
 Locality, *left of River*
 Bearings, *East of town on*
tide flats, low tide
 Time of day, *Punta Arenas, Chile*
 State of sky,

71 *Punta Arenas, Chile*
 Temperature of air, *Jan. 31, 4-5 p.m.*
 " surface of water, *low tide*
 " at depth of *10 fathoms*
between
river of bottom, low tide
 Depth, in fathoms,
 Nature of bottom,
 Direction of surface current,

72 *On beach at*
 Force of surface current, *fishing camp to west*
 Direction of bottom current,
 Force of bottom current,
 Name of vessel, *of town, brought up*
 To what service attached, *in fishermen's net &*
 Name and rank of commanding officer, *dumped on beach*
 Name and position of observer, *middle right tide flat*
at 4-5 p.m.
Oct. 1, 1927. Punta Arenas
Chile

REMARKS.

#72 Shells from
net hauls, tide flats
west of town Punta
Arenas Chile
~~Jan~~ Feb. 1 - 1927
5 p.m.

#73 Shrim under
rocks tide flats
west of town, Punta
Arenas. Chile Feb. 2
1927 ~~Shrim tide 3 p.m.~~
taken in ~~fisherman~~ morning
7-9 a.m. tide high

#74 Over range yard
west of town low tide
3 1/2 - 5 p.m.
Punta Arenas. Feb. 2. 1927.

Punta Arenas, Chile

TEMPERATURE RECORD.

#73 Water sample
Instrument used, Feb. 2. water 9 1/2 °C
Current number of observation,
Date Density 1024 = 14 °C
Locality, H.I. 7. 9. High tide
Bearings, 9 a.m.

#72 Feb. 1, 1927
Time of day, f tide.
State of sky, H.I. = 7.85 - 7.875
Temperature of air.
" surface of water, Density 1024 =
" at depth of fathoms, 17 1/2

#72 of bottom, water sample
Depth, in fathoms,
Nature of bottom, fisherman's land.
Direction of surface current, west of town (Punta)
Force of surface current,
Direction of bottom current, Arenas, Chile.
Force of bottom current,

Name of vessel,
To what service attached, Serolis = Piojo.
Name and rank of commanding officer,

Name and position of observer,

REMARKS.

Feb. 3/27

#75 All beach at low tide. Net. 3 almost wholly in sand flats. Low tide. 6:30 - 7:30 pm. Boys etc.

#76 From fishermen 2. am - 4 am on beach at 7 am Feb. 4 - 27

Heavis for net used in antolla fish.

#77 Bay to men, Friday evening tide flats with birds (English boys. 6-7 p.m.)

Saturday Feb. 5 Bay to men. TEMPERATURE RECORD.

#78 Picked up from large "trawl" net (like other trawl without boards) lying in municipal, near concrete pier. Where net must ask Pagels maybe his.

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

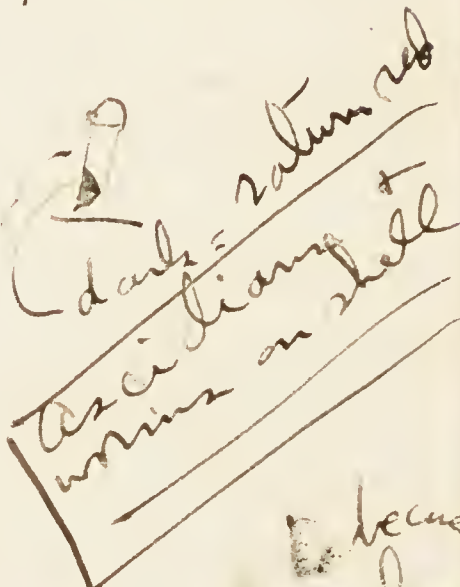
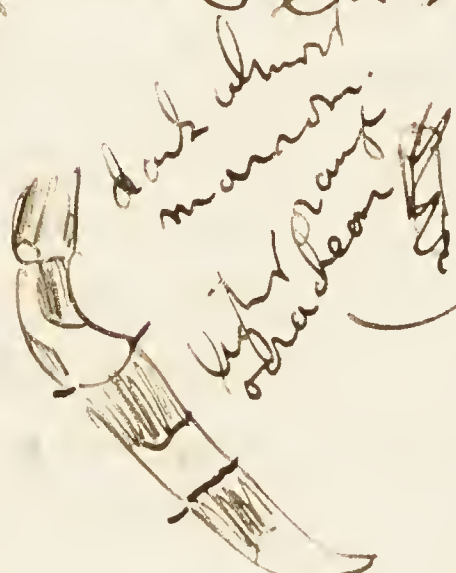
To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

#79* Cat Stanley
 Hermit - Feb. 22, 1927.



Antennae cleared

hands in general

tending to be more



edges of fingers white, speckled

with crimson tubercles near base of fingers

#79* collected along sea wall, east of main pier. About 20 yds. of ground covered.

- 1 mal amphipods
- 1 " unsorted debris
- 1 lot 8g. Echinodermes + some L. mal
- 1 " " Bryozoa, barnacles + water shells = 2 lots.
- 1 lot 8g. mollusks.

TEMPERATURE RECORD

- 1 " ascidian with mal of mollusks containing 2 shells
- Instrument used - frames of hermit crabs are
- Current number of observation - her Bryozoa + other ascidians in it.
- 1 Date - mal crabs
- 1 Locality - mal = 2 hermits minus shells.

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

8.00 a.m.

Nature of bottom,

Wed. Feb. 23. 1927. High tide

Direction of surface current,

Force of surface current,

water temp 10.75C.

Direction of bottom current,

Force of bottom current,

H.I. 8.15

Name of vessel,

Density 10x26.5

To what service attached,

1025.5 fms

Name and rank of commanding officer,

Temp. 11°C. 1-2/4

#80

Name and position of observer,

Sec dredge hauls, boat dredge over sand and broken shell bottom at short distance above bulk of Falkland Ids Battle Monument.

REMARKS.

#81 Feb. 23, boat
dredge haul through
belf 3 fms.
clean haul, weeds
shells, + ascidians

Short distance above,
west of hulls by Fallblanc
Is. Battle Monument

#85 Bottom sample
4 fms. Choisei Sound
below Fort Starnes,
Fallblanc. March 2, 1927
at about 12 midnight two days

#86 Tow net along pier
jetty at Port Howard lower
jetty at about 12 midnight.
March 3, 1927. few amphipods.

#87 Bottom sample
about 4 fms. Port Howard
Fallblanc, March 4, 1927

Monday Feb. 28/1927

TEMPERATURE RECORD

Water sample

Instrument used, #82
~~W. D. T. A.~~

Date,

Locality,

Readings,

H.I. 8.2

Water Temp. of tide, 10° 3 C

State of sky,

Density, 1027

Temp. surface of water, 10° 5 C

at depth of fathoms,

#83 of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

#84 Side 1/2 high
March 1, 1927
west of Green's Landing
Falls River
Long tide flat 11-12 a.m.

#85 see above.

Water sampler. Started for Recd. Id
 March 5 REMARKS.
 #1. Temp. 7.15 C
 Density 1027.3 = 48°
 H.I. 83° 55' ^{more a less}
 (82 fathoms)

#2 12 noon Temp. 7.05 C
 Density 1027.48°
 H.I. 81.5 about
 position 12 noon Hong. W.
 Lat N. 54° 57' 00" Long. 119° 33' 00"

#3 4 p.m. March 5/27
 Temp. 6.96
 Density 1027.48°
 H.I. 8.2

#4 8.15 p.m. March 5
 Temp. 6.6

#5 12.10 mid night
 March 5-6. (6.8)

#6 = 8 a.m. March 6/27

TEMPERATURE RECORD.
 6.65 C.
 Instrument used, H.I. 8.03.
 Current number of observation,

#7 Date, 12 noon March 6
 Locality,
 Bearings, 5.8 C H.I. 7.95

Time of day, ; of tide,
 State of sky, 4.30 March 6 -
 Temperature of air, 4.2 C
 surface of water, 8.0

#8 " at depth of fathoms,
 of bottom, March 6 27
 Depth, in fathoms, 2.65 C

Nature of bottom, 5/12.15
 #9 12 noon March 7/27
 Direction of surface current, 2.5 C
 Force of surface current,

Direction of bottom current, 4.00 March 7/27.
 Force of bottom current, 2.1 C

Name of vessel,
 #12 To what service attached, 8 a.m. March 7th
 Name and rank of commanding officer, H.I. 7.85
 Temp. 2.1 C.
 Name and position of observer,

12 noon
 #37 H.I. 7.9
 1.92 C
 March 2.8 C.

REMARKS. (Mile 1.08) = 1.8
 #14 } H.I. 7.85
 { 4.20 p.m. March 7/27

#15 8 p.m. March 7/27
 0.8C

#16 12 midnigh. March 7/27
 0.8
 0.7 second + better dip

#88 Half dozen short
 dips with #12 net
 between 12.30 + 1.30 a.m.
 High sea + driving snow
 cold + blustering got
 Enpharinda + wpetrobia.
 would think much of water
 would bear former apart.
 About missed a large piece
 that formed down off the
 bridge. Bottom atchy I was under

the bridge + it formed down
 the steps. With boots + oil
 I saw found myself amply
 protected.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

thermometer with
 # 36014 glass
 N. 224 printed
 glass

#17 March 8, 8 a.m.

Time of day, ; of tide,

State of sky, Temp. 0.5C

Temperature of air, H.I. 7.95

surface of water,

at depth of fathoms,

#18 " March 8 12 noon

Depth, in fathoms, Temp 0.6C

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

#22 3/11/27 8.35 a.m. = 2.4

#23 " 11.5 a.m. = 2.52

#24 " 4.30 p.m. = 2.8

#25 " 8 p.m. = 3.1

#26 Mar. 12/27 8 a.m. = 4.05

#27 " 12 noon = 3.4

#28 " 4 p.m. = 6.7

#29 " 8.30 p.m. = 8.15

#30 " 12 mid night = 7.15

REMARKS.

Positions. 1927

12 noon.

Mar. 5, 1927.

Lat. $54^{\circ} 57'$ Long. $59^{\circ} 33'$ Mar. 6. Lat. $57^{\circ} 40'$ Long. $58^{\circ} 51'$ Mar. 7. Lat. $61^{\circ} 14'$ Long. $57^{\circ} 30'$

Mar. 8. 12 noon.

8 miles of Deception Id.

Mar. 10. 10 miles of
Greenwich Id.

Mar. 11.

Mar. 12.

Mar. 13.

Temp.

TEMPERATURE RECORD.

#31 - Mar. 13, 8 a.m.
7.5C

Instrument used,

Current number of observation,

#32 Mar. 13, 12 noon.

Date,

Locality,

#33

Bearings,

"

4 p.m.

8.8C

Time of day, of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

Whale bone dump 9

REMARKS.

Enter Mar. 8 2 gues

89 Mud off anchor:
further 60 fms.
Port Foster,
Floception Id.
abundance of kelp ^{within 50 fms.} in anchor
one float saved for
Bygon. Mar. 10/27

90 March 13/1927

9 p.m. Towner
haul through "narrows"
into Stanley Hbr.
#12 net. Taken
while ship was going
at slow speed.

90 a Seine haul in
Lower Bay = N. C.
March 14 caught nothing

90 b
March 15 Trier Towner
haul for municipal
{ done to bank master?
done, got nothing. }

March 15/1927

91 went through
about 15-18

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day,

State of sky,

Temperature of air,

TEMPERATURE RECORD.

recalled Muller
heads & stomachs
got some parasitic
coelozoites (& from stomachs
some macerated worms
lots of tiny live
& debris.

92 March 16/27

surface of water,

at depth of fathoms,

of bottom,

Depth in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

March 17/1927
too windy to go out.

7 March 18 - Friday
 REMARKS.
 #94 Tried for a
 hills behind globe
 but let only got
 2-3 very tiny F.W.
 amphipods, 1 hand foot
 while. wonder if very
 strong high westerly
 wind made any difference.

#93 March 17, 5 p.m.
 tug capt. took me out
 to coal dock made
 two hauls with boat
 dredge. in 1-2 fms.
 Got very little

97 10 a.m. Saturday.
 #95 March 20, 1927
 took half a dozen dips with
 bottom sampler, just beyond
 narrow leading to Port
 William, mostly sandy
 bottom. in 3-4 fms.

at bot.
 63
 60 fms. depth
 64
 Jan 22/1927

drawings - may have
 diagrams in vol. #12 for
 net.
 Time of day, ; of tide.
 #97 March 20, 1927.
 State of sky, rocky weedy bottom.
 Temperature of air, surface of water.
 Half dozen drags with
 oyster dredge, Bryozoa
 + alga. and the large
 Depth, in fathoms, spider crabs Eurypterus
 Nature of bottom, + other Beltonian This
 Direction of surface current, dredge was done in 8
 Force of surface current, to ten fathoms, the limit
 Direction of bottom current, of the rope we had brought
 Force of bottom current, with us. I had hoped
 Name of vessel, to get a Centolla who
 To what service attached, had the scum got
 Name and rank of commanding officer, here in 60 fms, five miles
 Name and position of observer, and up. I suppose I'll end
 of luck. I would like to
 get one or two, at least.

p. at bot.
Sh 63

Bottle Aegla

Mru. SDA 69

Jan 22, 1927

Need to copy
from Book
#3

from
And first
three pp.
Book 4.

7 March 1927 Friday
REMARKS.
#94 Tried fished
hills behind globe
litter but only got
2-3 very tiny F.W.
amphipods. Hand with
while. Wonder if very
strong high westerly
wind made any difference.

#93 March 17, 5 p.m.
The capt. took me out
to coal dock made
two hauls with boat
dredge. In 1-2 fms.
Got very little

94 10 a.m. Saturday.
#95 March 20, 1927
Took half a dozen dips with
bottom sampler, just beyond
napoleon leading to Port
William, mostly sandy
bottom. in 3-4 fms.

March 20, 1927.
#96 a similar number
of faunal with two net
while going out to
dredge, got a number
of mollus medusae, a
small fish & lots of
zooplankton may have
drifted in with #12 tow
net.

Time of day, of tide,
#97 March 20, 1927.
State of sky, rocky weedy bottom.
Temperature of air, surface of water.
Half dozen drags with
oyster dredge, Bryozoa
& algaee and the large
spider crabs Eurypterus
& also Pelicanus This
dredge was done in 8
to ten fathoms, the limits
of the rope we had brought
with us. I had hoped
to get a Centolla when
but the dredge got
hooked in 60 fms, five miles
out. I suppose I'll end
up with a haul. I would like to
get one a haul, at least.

REMARKS.

97. b. C. W. A. Webb
collected a few specimens
along shore in York Bay
just around corner
of narrow going out
eastward in Port William
from Port Stanley.

98. By ~~Monument~~ Falkland Id. Battle
from kelp roots on beach.
March 27, 1927

99. Jack Harris ^{coll.}
Kidney Id.
Munida
larval
surface
March 26/1927
shell, sipunculids or
echinoderms from
kelp roots.

(2 fms. deep)

TEMPERATURE RECORD.

Instrument used.

Current number of observation.

Date, _____

Locality.

Bearings.

101a Seal
March 31, 1927
Time of day, Sheeh off tide, State of sky April 1st, 1927

State of sky

Temperature of air.

Temperature of air,
101.5 Amphitry from beach
near steep dip
also stuff
102. who at depth of fathoms,
Apr. 27
Apr. 28 also of bottom
Apr. 2nd by house
depth, in fathoms,
102. 1st inlet west of house
by auto beach collection.

also start ↑

2. kid

2nd by

1957


at 3, 18

4, 1

4-11

—

Ampt



AT THE COURT OF THE COMMONS

2

32

18

42

April 9 - 1927.

REMARKS.

105 Airt with
barbican master tug
14-15 fms off light
house N. side Port
William.yster dredge
shells in first
+ crabs
fine red seaweed in second
+ crabs
blank in third bucket
2 Peltaria only

106^c Fish caught off
jetty boy called it
Mouth almighty
or mouth a' mighty.
April 11, 1927.

106 a. Fish off Malvern
house under rocks
Roy Felton. April 10/1927
"Conger eel"

106 b. ditto by Richard
Heane same place
"Dogfish" April 11, 1927

Instrument used,

106 c. Rock cod
Date,
Locality, off Municipal jetty
Bearings, April 12, 1927
Edward Bellman

106 d Yellow belly
State of sky,
Temperature of air, off Municipal jetty
" surface of water, April 13, 1927
" at depth of fathoms,
" of bottom,

107 Clam rake
Depth in fathoms,
Nature of bottom,
Direction of surface current,
Force of surface current, 2 crabs off
Direction of bottom current, gear Britain
Force of bottom current, April 14, 1927
Name of vessel,
To what service attached, H. 30 a. m.

Name and rank of commanding officer,
from 1 fms deep and
Name and position of observer, up to surface

Water sample Temp 7.3C
Density 1027 Temp 44°F
H.I. 8.13

REMARKS.

108 Seal anker
April 11, 1927
Beach collection
by school children

107 One lot of amphipods
living in sponge

109 Beach collect
near municipal
jetty. April 16/1927
coll. by boys.

109 near Nielsen
station at head of
Port Stanley, west
end. April 15/1927
Beach & reefs
collected

Edward Hellman
Richard Deane
TEMPERATURE RECORD.
John Kendall

Instrument used,

Current number of observation

Date,

By Ruben McLaren

Locality,

Bearings,

April 17 water
#112

Time of day, of tide.

State of sky,

Temperature of air,

surface of water,

at depth of fathoms,

of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

Port Stanley, vicinity

near Bonner's horse shed
Amphipods & other small vermin
collected

REMARKS.

113. April 18
Miller creek, beach
+ 20ft lobster seine
collection

115. Port William
Friday 22 April 1927
6-7 dredge hauls
cryst. dredge
Density 1.0275
Temp. 43

116 Tow net haul
same day + place

* between Pembroke
light house +
Jussuck Id.
in 10-12-15 fms
more at base

114 (near Penguin
, worked)

Spanias Cove
Mushroom on land and
other stuff on beach
TEMPERATURE RECORD.
April 26/1927

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

from Winders Pier
through narrows.

White Letter F.

REMARKS.

119 Trawl given
me by Charles
Hamann / April, 1927

S.C. Menendez - Bahety
Casilla J. Punta Llanas
from Estancia ~~Saguna de Oro~~
near Pueblo ~~Santa Cruz~~
Rio Gallegos

120. Bottom sample
(pebbles only) Rio Gallegos
~~10 fms~~ 5 fms.

Rio Gallegos
Also low net haul
surface #12 net.

12 p.m. 15 mins.

May 4th 1927

121 Bottom sample
8 fms.
Santa Cruz, Argentina

Also low net. 40 mins
surf. #12 net.
TEMPERATURE RECORD.
Santa Cruz - 12 - 12.40 p.m.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day,

State of sky,

Temperature of air,

Surface of water,

at depth of

fathoms,

of bottom.

Depth in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

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very muddy water
REMARKS.

124. Reseado

May 7, 1927

Tide

Crabs under rocks for
first time
An estuary which seems
to have very good collecting
ground. Beach shingle.

to find much in animal life but ambigged to find water

125 Comodoro

bottom sample Rivadavia
at anchorage

May 8 1927 Sunday

at beginning of falling
tide. got most material
from one piece of old
helf root ground a beach.

A few isopods & forams
from rocks along side
of breakwater and
one amphipod under

a rock on opposite
side of landing pier

TEMPERATURE RECORD.

from breakwater, about
1/2 mile from pier.

Instrument used

Current number of observation

Date

Locality

Bearings.

126 May 9, 1927

Time of day ; of tide.

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

I do then like isopods
from grass roots. Sanders
got a couple of amphipods
from in gravel near
landing pier

REMARKS.

127 with T. Clippin

TEMPERATURE RECORD.

collected at

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day,

; of tide,

State of sky,

Temperature of air,

"

surface of water,

"

at depth of

fathoms,

"

of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

" surface of water,

" at depth of fathoms,

" of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current.

Name of vessel,

To what service attached,

Name and rank of commanding officer.

Name and position of observer,

REMARKS.

TEMPERATURE RECORD.

Instrument used,

Current number of observation,

Date,

Locality,

Bearings,

Time of day, ; of tide,

State of sky,

Temperature of air,

“ surface of water,

“ at depth of fathoms,

“ of bottom,

Depth, in fathoms,

Nature of bottom,

Direction of surface current,

Force of surface current,

Direction of bottom current,

Force of bottom current,

Name of vessel,

To what service attached,

Name and rank of commanding officer,

Name and position of observer,

REMARKS.

Water/samples
No. 63, 1-6-27 Torpederos
34.04 ‰ Valp.

#65 1-7-27
Castillo, Valpo.
34.00

#67 1-16-27
Lota, Chile.
32.21 ‰

#72 2-1-27
Punta Arenas.
31.15 ‰

#73 2-2-27
Punta Arenas.
31.00 ‰



